Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 07 Jan 2023 until 23:59 on Sunday 08 Jan 2023

Forecast Issued on Saturday 07 Jan 2023 at 00:47

Confidence: Milder air and rain on Saturday is soon replaced by a showery, cooler day on Sunday. Remaining unsettled to at least midweek. Often very windy on the hills with gales and little chance of a completely dry day in this period. Lower confidence in the details of amounts of showers and timing of heaviest rain.

Headline for Saturday 07 Jan 2023: A wet and windy morning with heavy rain at times. Brighter in the afternoon, with showers. South-westerly gales later.

Mountain weather hazards on Saturday 07 Jan 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain showers	Heavy rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
90%	90%	50%	30%	40%	40%

Forecast for Saturday 07 Jan 2023

Weather: A wet morning with some difficult conditions on the hills before the rain begins to ease and clear early in the afternoon, with some drier spells developing. Some bright or sunny spells through the afternoon, but showers will develop, heavy at times. Risk of hail and isolated thunder. Winds will ease in the afternoon as the rain clears but will strengthen again during the evening, with summit gales later.

Chance of cloud-free hill tops above 600m: 40% early in the day, improving to 70% by mid-afternoon.

Low cloud and visibility: Broken or overcast layers of low cloud above 400m in the morning in the west, 500m in the east. Visibility moderate or poor in rain during the morning but becoming good by early afternoon, as low cloud thins and bases lift above most summits. Visibility will fall again temporarily in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 07 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	37/47 S	33/44 S	21/31 SW	23/32 SW	25/35 SW	30/42 SW	29/41 SW
300	30/41 S	26/39 S	17/27 S	16/25 S	19/30 SW	22/34 S	21/33 SW
Valley	19/41 S	18/37 S	11/24 SW	11/26 S	14/30 SW	15/33 S	15/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/2	7/1	6/2	5/-0	3/-3	2/-5	3/-4
300	10/5	9/5	9/5	8/4	5/0	5/-1	5/0
Valley	10/7	10/6	9/6	8/5	6/2	5/1	6/2
Freezing Level*	1900m	1800m	1400m	1200m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gales at height early in the day and later, otherwise widespread strong winds. Notice the significant windchill later as freezing level dips to 1000m.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 07 Jan 2023	2.2mm	15.6mm	16.4mm

Forecast for Sunday 08 Jan 2023

Weather: Showers or longer outbreaks of rain in the morning driven in on fresh or strong south-westerly winds, summit gales. Some dry and bright weather between showers too, particularly during the afternoon. Showers will be sleet or snow on the highest summits like Kinder Scout.

Maximum wind: South-westerly 20mph with gusts 30-35mph.

Chance of cloud-free hill tops above 600m: 60%.

Low cloud and visibility: Cloud base around 600m for much of the day, falling to 500m around showers. Some gaps in the cloud are likely, but the highest summits may remain in cloud. Good visibility possible in any brief breaks in the cloud, but very poor visibility in any persistent rain or snow, and in hill fog.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 2 Celsius.
Freezing level: 800m falling to 600m

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